

Serial No. 09/674,815
5836-01-MJA (PC17416)

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-31 (cancelled)

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Claim 32 (withdrawn): The composition of Claim 25 wherein the 4-amino-3-substituted-butanoic acid derivative is pregabalin.

Claim 33 (cancelled)

Claim 34 (currently amended): A pharmaceutical composition comprising:

(a) [[an]] a neutral α amino acid, and

(b) a 4-amino-3-substituted-butanoic acid derivative selected from the group consisting of gabapentin and pregabalin,
wherein the pharmaceutical composition is a solid.

Claim 35 (currently amended): The composition of Claim 34, wherein the neutral α -amino acid is one or more selected from: glycine, phenylglycine, hydroxyphenylglycine, dihydroxyphenylglycine, L-alanine, hydroxy-L-alanine, L-leucine, hydroxy-L-leucine, dihydroxy-L-leucine, L-norleucine, methylene-L-norleucine, L-ketonorleucine, L-isoleucine, hydroxy-L-isoleucine, dihydroxy-L-isoleucine, L-valine, hydroxy-L-valine, L-isovaline, L-norvaline, hydroxy-L-norvaline, hydroxy-L-ketonorvaline, L-methionine, L-homomethionine, L-ethionine, L-threonine, acetyl-L-threonine, L-tryptophan, hydroxy-L-tryptophan, methyl-L-tryptophan, L-tyrosine, hydroxy-L-tyrosine, methyl-L-tyrosine, bromo-L-tyrosine, dibromo-L-tyrosine, 3,5-diiodo-L-tyrosine, acetyl-L-tyrosine, chloro-L-tyrosine, L-m-tyrosine, L-levodopa, L-methyldopa, L-thyroxine, L-serine, acetyl-L-serine, L-homoserine, acetyl-L-homoserine, ethyl-L-homoserine, propyl-L-homoserine, butyl-L-homoserine, L-cystine, L-homocystine, methyl-L-cysteine, allyl-L-cysteine, propyl-L-cysteine, L-phenylalanine, dihydro-L-phenylalanine,

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hydroxymethyl-L-phenylalanine, L-aminobutyric acid, L-aminoisobutyric acid, L-ketoaminobutyric acid, dichloro-L-aminobutyric acid, dihydroxy-L-aminobutyric acid, phenyl-L-aminobutyric acid, L-aminovaleric acid, L-aminohydroxyvaleric acid, dihydroxy-L-aminovaleric acid, L-aminoisovaleric acid, L-aminohexanoic acid, methyl-L-aminohexanoic acid, L-aminohexanoic acid, L-aminooctanoic acid, and citrulline, and the D- and DL-forms thereof;

~~L, D and DL forms of neutral α -amino acids;
alkali salts, acid amides, alkyl substituted derivatives of acid amides or alkyl esters of the L, D and DL forms of acidic α -amino acids;
acid addition salts or monoacylated derivatives of the L, D and DL forms of basic α -amino acids;
 α,ω -diaminodicarboxylic acids; and
acidic amino acid-basic amino acid adducts of the L, D and DL forms of acidic α -amino acids and the L, D and DL forms of basic α -amino acids.~~

Claim 36 (currently amended): The composition of Claim [[34]] 35, wherein the neutral α -amino acid is one or more selected from:

glycine, phenylglycine, hydroxyphenylglycine, dihydroxyphenylglycine, L-alanine, hydroxy-L-alanine, L-leucine, hydroxy-L-leucine, dihydroxy-L-leucine, L-isoleucine, hydroxy-L-isoleucine, dihydroxy-L-isoleucine, L-valine, hydroxy-L-valine, L-isovaline, and the D- and DL-forms thereof.

~~neutral α -amino acids consisting of glycine, phenylglycine, hydroxyphenylglycine, dihydroxyphenylglycine, L-alanine, hydroxy-L-alanine, L-leucine, hydroxy-L-leucine, dihydroxy-L-leucine, L-norleucine, methylene L-norleucine, L-ketonorleucine, L-isoleucine, hydroxy-L-isoleucine, dihydroxy-L-isoleucine, L-valine, hydroxy-L-valine, L-isovaline, L-norvaline, hydroxy-L-norvaline, hydroxy-L-ketonorvaline, L-methionine, L-homomethionine, L-ethionine, L-threonine, acetyl L-threonine, L-tryptophan, hydroxy L-tryptophan, methyl L-tryptophan, L-tyrosine, hydroxy L-tyrosine, methyl L-tyrosine, bromo L-tyrosine, dibromo L-tyrosine, 3,5 diiodo L-tyrosine, acetyl L-tyrosine, chloro L-tyrosine, L-m-tyrosine, L-levodopa, L-~~

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~~methyl~~dopa, ~~L~~-thyroxine, ~~L~~-serine, acetyl ~~L~~-serine, ~~L~~-homoserine, acetyl ~~L~~-homoserine, ethyl ~~L~~-homoserine, propyl ~~L~~-homoserine, butyl ~~L~~-homoserine, ~~L~~-cystine, ~~L~~-homocystine, methyl ~~L~~-cysteine, allyl ~~L~~-cysteine, propyl ~~L~~-cysteine, ~~L~~-phenylalanine, dihydro ~~L~~-phenylalanine, hydroxymethyl ~~L~~-phenylalanine, ~~L~~-aminobutyric acid, ~~L~~-aminoisobutyric acid, ~~L~~-ketoaminobutyric acid, dichloro ~~L~~-aminobutyric acid, dihydroxy ~~L~~-aminobutyric acid, phenyl ~~L~~-aminobutyric acid, ~~L~~-aminovaleric acid, ~~L~~-aminohydroxyvaleric acid, dihydroxy ~~L~~-aminovaleric acid, ~~L~~-aminoisovaleric acid, ~~L~~-aminohexanoic acid, methyl ~~L~~-aminohexanoic acid, ~~L~~-aminoheptanoic acid, ~~L~~-aminooctanoic acid and citrulline and the D- and DL- forms thereof;

acidic α -amino acids consisting of ~~L~~-aspartic acid, ~~L~~-glutamic acid, ~~L~~-carboecysteine, ~~L~~-aminoglutaric acid, ~~L~~-aminosuccinic acid, ~~L~~-aminoadipic acid, ~~L~~-aminopimelic acid, hydroxy ~~L~~-aminopimelic acid, methyl ~~L~~-aspartic acid, hydroxy ~~L~~-aspartic acid, methyl ~~L~~-glutamic acid, methyl hydroxy ~~L~~-glutamic acid, ~~L~~-methyleneglutamic acid, hydroxy ~~L~~-glutamic acid, dihydroxy ~~L~~-glutamic acid and hydroxy ~~L~~-aminoadipic acid and the D- and DL- forms thereof;

basic α -amino acids consisting of ~~L~~-arginine, ~~L~~-lysine, ~~L~~-ornithine, ~~L~~-canavanine, ~~L~~-canaline, hydroxy ~~L~~-lysine, ~~L~~-homocarginine, hydroxy ~~L~~-homocarginine, hydroxy ~~L~~-ornithine, ~~L~~-diaminopropionic acid, ~~L~~-diaminohexanoic acid, ~~L~~-diaminobutyric acid, ~~L~~-diaminovaleric acid, ~~L~~-diaminoheptanoic acid, and ~~L~~-diaminooctanoic acid and the D- and DL- forms thereof; and

α,ω -diaminodicarboxylic acids consisting of diaminosuccinic acid, diaminoglutaric acid, diaminoadipic acid and diaminopimelic acid;

provided that, when said α -amino acid is an adipic α -amino acid, it is used in the form of the corresponding alkali salt, acid amide, alkyl-substituted derivative of acid amide or alkyl ester thereof, or when said α -amino acid is a basic α -amino acid, it is used in the form of the corresponding acid addition salt or monoacylated derivative thereof, or

said acidic α -amino acid and said basic α -amino acid are also used in the form of the corresponding acidic-amino acid-basic-amino acid adduct.

Claim 37 (currently amended): The composition of Claim 34, wherein a total amount of the neutral α -amino acid is in the range of 0.001 - 80 moles per mole of the 4-amino-3-substituted-butanoic acid derivative.

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Claim 38 (previously presented): The composition of Claim 34, wherein the 4-amino-3-substituted-butanoic acid derivative is gabapentin.

Claim 39 (cancelled)

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